

Substitute for form 1449/PTO
(Revised 04/2003)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number Not Yet Assigned 10/766177
 Filing Date Concurrently Herewith 01-28-2004
 First Named Inventor Bing Chen
 Group Art Unit Unknown 2128
 Examiner Name Unknown R. Frejd
 Attorney Docket Number 038190/269367

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
RF	1	US-4,534,813	08/13/1985	Williamson et al.	
	2	US-4,646,251	02/24/1987	Hayes et al.	
	3	US-4,849,913	07/18/1989	Ward, et al.	
	4	US-4,937,768	06/26/1990	Carver et al.	
	5	US-4,945,488	07/31/1990	Carver et al.	
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	13	US-5,636,338	06/03/1997	Moreton	
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Examiner Initials	Cite No.	Foreign Patent Document Country Code - Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	English Language Translation Attached
Examiner Signature				Date Considered		

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		Group Art Unit	Unknown
		Examiner Name	Unknown
Sheet	2	of	2
		Attorney Docket Number	038190/269367
OTHER DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	English Language Translation Attached
RF	19	Chris Waldhart, "Analysis of Tow-Placed, Variable-Stiffness Laminates," Mater's Thesis, Virginia Polytechnic Institute, June 5, 1996, pgs. 1-35.	
RF	20	Brian Tatting and Zafer Gurdal, "Design and Manufacture of Tow-placed Variable Stiffness Composite Laminates with Manufacturing Considerations," 13 th US National Congress of Applied Mechanics, June 25, 1998.	
RF	21	Patrick Morelle and R. Radovic, "CAD Based Optimization of Composite Structures," Proceedings of Sixth Int. Conference on OPT, March 16-18, 1999, pgs. 311-320.	
RF	22	Jani J. Shah, Mary T. Rogers, Palat C. Sreevalsan, David W. Hsiao, Abraham Mathew, Anant Bhatnagar, Bongee B. Liou and David W. Miller, "The A.S.U. Features Testbed: An Overview," Arizona St. Univ. pgs. 233-241.	

Examiner Signature	/Russell Frejd/	Date Considered	09/16/2006
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